

Title (en)

ELECTROWETTING DEVICE, DISPLAY DEVICE AND LENS

Title (de)

ELEKTROBENETZUNGSVORRICHTUNG, ANZEIGEVORRICHTUNG UND LINSE

Title (fr)

DISPOSITIF D'ÉLECTROMOUILLAGE, DISPOSITIF D'AFFICHAGE, ET LENTILLE

Publication

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Application

EP 13755854 A 20130227

Priority

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- JP 2013055199 W 20130227

Abstract (en)

[origin: EP2821847A1] To provide an electrowetting device provided with a membrane excellent in water repellency, membrane strength and durability, and a display device and a lens, provided therewith. An electrowetting device comprising a space to contain fluids, two types of fluids that form an interface in the space, a membrane that is in contact with the space, a first electrode disposed on the opposite side of the membrane from the side in contact with the space, and a second electrode that is in contact with one of the two types of fluids, wherein said membrane is a single membrane consisting of a layer (M) made of a mixture of a fluorinated polymer (A) that includes, as the main component, a constituting unit including a fluorinated aliphatic ring structure having one etheric oxygen atom in the ring structure, and a fluorinated polymer (B) that includes, as the main component, a constituting unit including a fluorinated aliphatic ring structure having two or three etheric oxygen atoms in the ring structure, or a multilayer membrane wherein said layer (M) is disposed as the outermost layer on the side in contact with the space.

IPC 8 full level

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CPC (source: EP KR)

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